

## ENGINE SPECIFICATIONS

|                     | <b>V6 Diesel</b>      | <b>V8 Diesel</b>      | <b>V8 Petrol</b>      | <b>V8 Petrol S/C</b>  |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Capacity            | 2 993 cm <sup>3</sup> | 4 367 cm <sup>3</sup> | 4 999 cm <sup>3</sup> | 4 999 cm <sup>3</sup> |
| Firing order        | 1-4-2-<br>5-3-6       | 1-5-4-2-<br>6-3-7-8   | 1-5-4-2-<br>6-3-7-8   | 1-5-4-2-<br>6-3-7-8   |
| Bore                | 84.0 mm               | 84.0 mm               | 92.5 mm               | 92.5 mm               |
| Stroke              | 90.0 mm               | 98.5 mm               | 93.0 mm               | 93.0 mm               |
| Number of cylinders | 6                     | 8                     | 8                     | 8                     |
| Compression ratio   | 16:1                  | 16.1:1                | 11.5:1                | 9.5:1                 |

## LUBRICANTS AND FLUIDS

| <b>Part</b>            | <b>Variant</b>                 | <b>Specification</b>  |
|------------------------|--------------------------------|---|
| Engine oil             | V6 Diesel vehicles with DPF    | SAE 5W-30 meeting specification WSS-M2C934B ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used. |
|                        | V6 Diesel vehicles without DPF | SAE 5W-30 meeting specification WSS-M2C913C ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used. |
|                        | V8 Diesel vehicles with DPF    | SAE 5W-30 meeting specification WSS-M2C934B ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used. |
|                        | V8 Diesel vehicles without DPF | SAE 5W-30 meeting specification WSS-M2C913C ACEA C1. If unavailable, oil meeting specification ACEA:C1 can be used. |
|                        | V8 Petrol vehicles             | SAE 5W-20 meeting specification WSS-M2C925-A only.  |
| Transmission oil       | All transmissions              | Shell ATF L12108  |
| Transfer gearbox oil   | All vehicles                   | TL 7300 Shell TF 0753   |
| Front differential oil | All vehicles                   | Castrol SAF-XO  |
| Rear differential oil  | Non-locking                    | Castrol SAF-XO  |
| Rear differential oil  | Electronic Locking             | Castrol BOT 720   |
| Dynamic response fluid | V8 Diesel and V8 Petrol S/C    | Texaco Cold Climate PAS fluid 33270   |

| <b>Part</b>   | <b>Variant</b> | <b>Specification</b>   |
|---------------|----------------|--|
| Brake fluid   | All vehicles   | Shell DOT4 ESL. If unavailable, a low viscosity, synthetic compatible DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used. |
| Screen washer | All vehicles   | Screen wash with frost protection  |
| Coolant       | All vehicles   | 1:1 mixture of Havoline XLC antifreeze and water.  |

Land Rover recommends:

**Castrol EDGE Professional**

